CINEVISION

DVP650 User's Manual

DVD Player

DVD VIDEO™   COMPACT disc DIGITAL AUDIO   DOLBY DIGITAL   dts   PLAYS MP3   Kodak PICTURE CD COMPATIBLE

Content

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CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

THE LIGHTNING FLASH WITH ARROW-HEAD SYMBOL WITHIN AN EQUI-LATERAL TRIANGLE IS INTENDED TO A-LERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE UNIT'S CABINET THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.

THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRE-SENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE MANUAL AC-COMPANYING THE UNIT.

WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE. NEVER ATTEMPT TO OPEN THE CABINET, DANGEROUS HIGH VOLTAGES ARE PRESENT IN THE UNIT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION:

TO PREVENT ELECTRIC SHOCKS, MATCH WIDE-BLADE PLUG WITH WIDE SLOT AND FULLY INSERT. THE APPARATUS SHALL NOT BE EXPOSED TO WATER AND NO OBJECTS FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON THE APPARATUS.

CAUTION:

THE UNIT EMPLOYS A LASER SYSTEM. TO EN-SURE THE PROPER USE OF THE UNIT, READ THIS MANUAL CAREFULLY AND KEEP IT FOR FU-TURE REFERENCE.

IF THE UNIT REQUIRES SERVICING, CONTACT THE SELLER OR OUR SERVICE CENTER-SEE "TROUBLESHOOTING".

TO PREVENT DIRECT EXPOSURE TO THE LASER RADIATION, DO NOT OPEN THE CABINET. VI-SIBLE LASER MAY RADIATE WHEN THE CABINET IS OPENED OR THE INTERLOCKS ARE DE-FEATED. DO NOT STARE INTO THE LASER BEAMS.

CAUTION:

THE DVD VIDEO PLAYER IS A CLASS 1 LASER PRODUCT. USE OF CONTROLS OR ADJUST-MENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

AS THE LASER BEAM USED IN THIS DVD VIDEO PLAYER IS HARMFUL TO THE EYES, DO NOT ATTEMPT TO DISASSEMBLE THE CABINET.

REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

WARNING:

FCC REGULATIONS STATE THAT ANY CHANGE OR MODIFICATION TO THE EQUIPMENT, NOT EX-PRESSLY APPROVED BY MAKER OR ITS AU-THORIZED PARTIES, COULD VOID USER'S AU-THORITY TO OPERATE THIS EQUIPMENT.

Remark

PLEASE WRITE DOWN THE MODEL NO. AND SERIAL NO. PRINTED ON THE REAR PANEL.

Model No._____

Serial No._____

Important Safety Instructions

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1. Read Instructions
All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions
The safety and operating instructions should be retained for future reference.

3. Heed Warnings
All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions
All operating and use instructions should be followed.

5. Cleaning
Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6. Attachments
Do not use attachments not recommended by the product manufacturer as they may cause hazards.

7. Water and Moisture
Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. Accessories
Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. Portable Cart Warning
A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

(Symbol provided by RETAC)

10. Ventilation
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources
This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12. Grounding or Polarization
This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

13. Power Cord Protection
Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

**14. Protective Attachment Plug**
The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

Important Safety Instructions

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15. Outdoor Antenna Grounding
If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antennadischarge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.
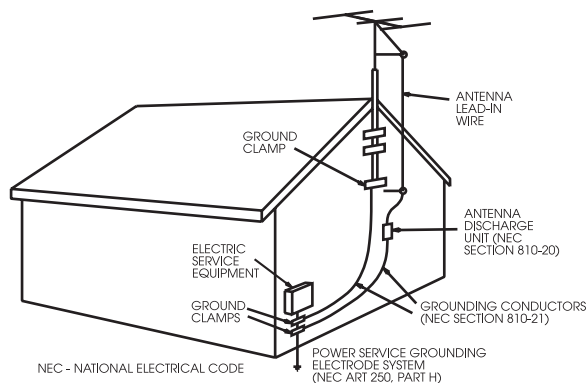
16. Lightning
For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power lines surges.

17. Power Lines
An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal
.
18. Overloading
Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

19. Object and Liquid Entry
Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

20. Servicing
Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

21. Damage Requiring Service
Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
A) When the power-supply cord or plug is damaged,
B) If liquid has been spilled, or objects have fallen into the product,
C) If the product has been exposed to rain or water,
D) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
E) If the product has been dropped or damaged in any way, and
F) When the product exhibits a distinct change in performance this indicates a need for service.

22. Replacement Parts
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

23. Safety Check
Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

24. Wall or Ceiling Mounting
The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

25. Heat
The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Caution

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● Please use the original box and packing materials for safe transportation of this product.

● It is normal for the cover and rear panel to become warm after the player has been operating for an extended period of time.

● Do not move this product during playback. Doing so may cause damage to the pickup and the disc.

● Press **OPEN/CLOSE** on the front panel or remote to open or close the disc tray. Do not push or touch the tray while it is opening or closing.

Features

● **Full compatibility with DVD, SVCD, VCD, CD, MP3 and Kodak Picture CD on CD-R & CD-RW (finalized)**

● **Screensaver**

● **Multiple playback modes: Program, Search, 10-Second Review**

● **Dynamic spectrum display and 6 adjustable frequency bands**

● **Coaxial digital audio output**

● **Dolby Digital and DTS 2 Channel outputs**

● **S-video, composite video and component video outputs**

Disc formats supported by this player:

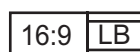|			
dts	Digital Theater System	PLAYS MP3	MP3 files on CD-R/CD-RW
DOLBY DIGITAL	Dolby Digital	9	Multi-angle
Kodak PICTURE CD COMPATIBLE	KODAK picture CDs	CC	Closed Caption
COMPACT disc DIGITAL AUDIO	Audio CDs	32	Subtitle choices
DVD VIDEO	DVD video	8	Audio choices
R RESTRICTED	Parental Lock	16:9 LB	TV Aspect Ratio modes

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

The product complies with the KODAK Picture CD format and will display KODAK Picture CDs. The "KODAK Picture CD Compatible" logo is a trademark of Eastman Kodak Company and is used with permission.
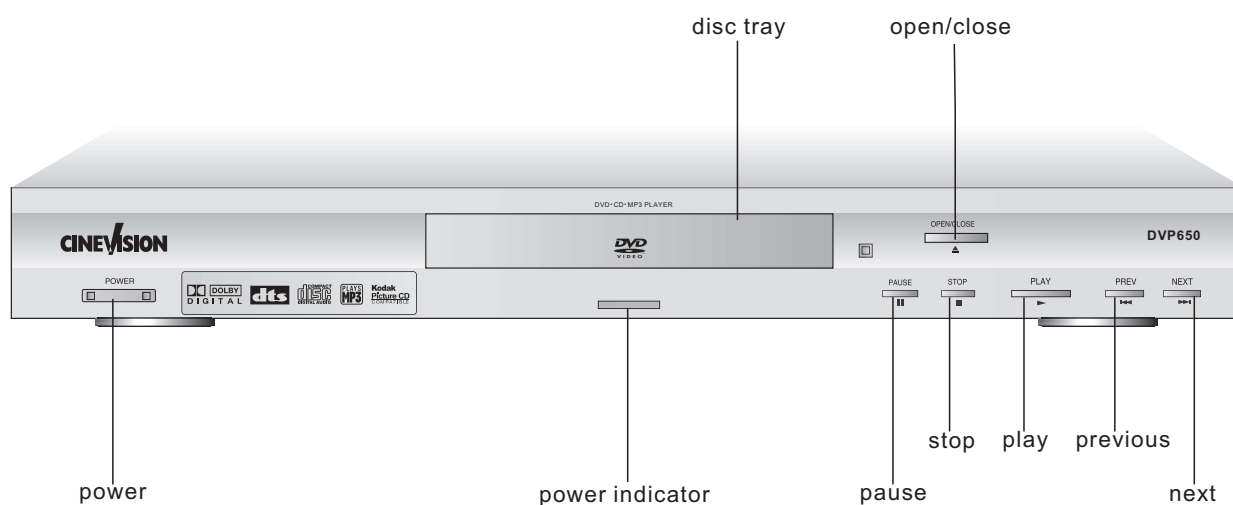
Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential Unpublished Works. © 1992-1997 Dolby Laboratories, Inc. All rights reserved.

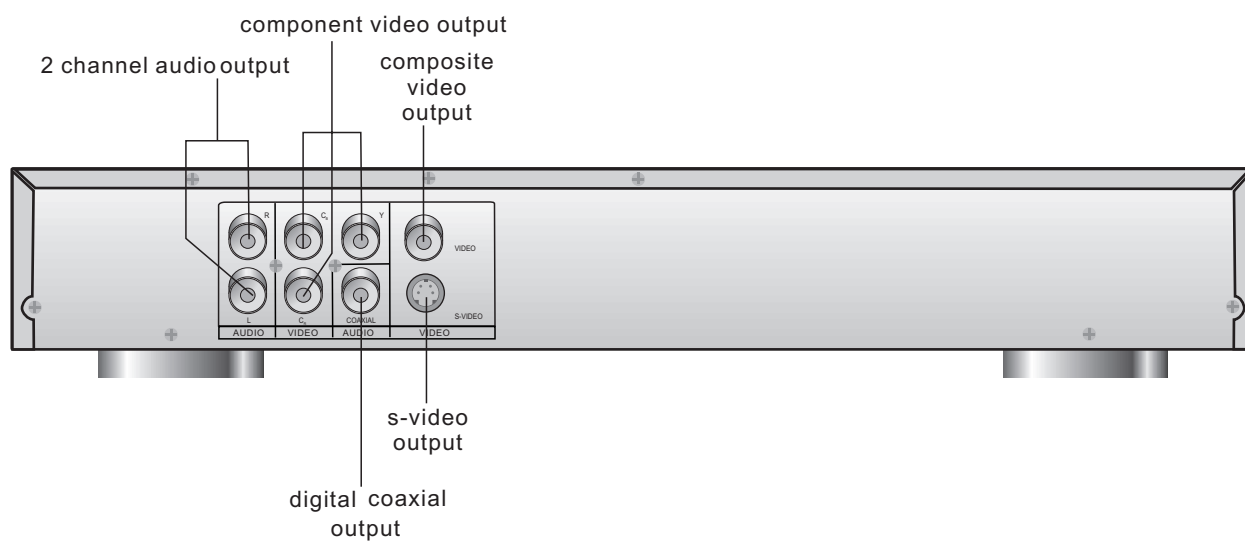**"DTS"** and **"DTS Digital Out"** are trademarks of Digital Theatre Systems, Inc.

Front Panel and Rear Panel Illustration
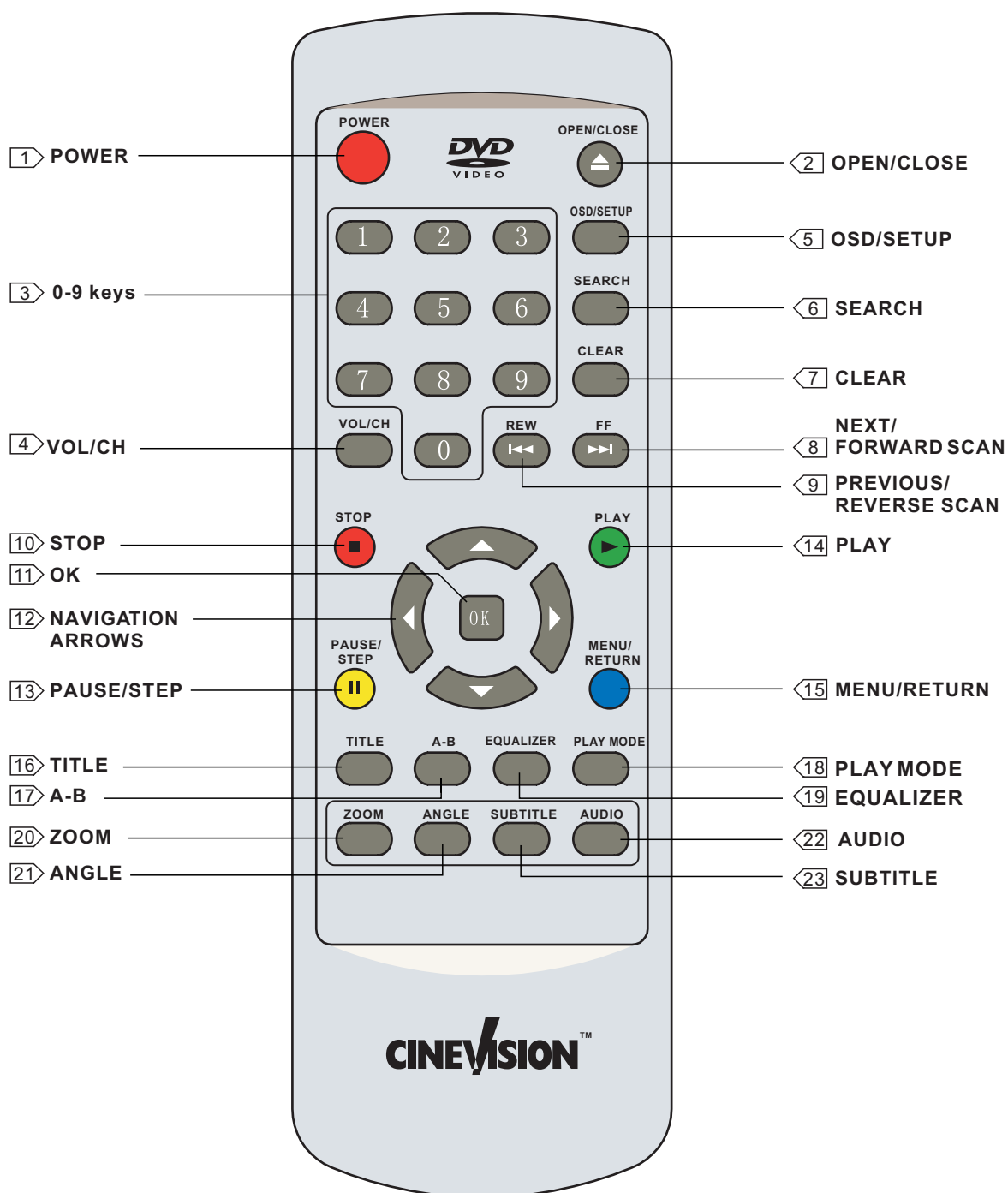
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Front panel

disc tray   open/close

DVD·CD·MP3 PLAYER

CINEVISION

POWER

OPEN/CLOSE

DVP650

DOLBY DIGITAL   dts   COMPACT DISC DIGITAL AUDIO   PLAYS MP3   Kodak Picture CD COMPATIBLE

PAUSE   STOP   PLAY   PREV   NEXT

stop   play   previous

power   power indicator   pause   next

Rear panel

component video output

2 channel audio output

composite video output

R   Cr   Y   VIDEO

L   Cb   COAXIAL   S-VIDEO

AUDIO   VIDEO   AUDIO   VIDEO

s-video output

digital coaxial output

Remote Control

1 ▷ **POWER**

3 ▷ **0-9 keys**

4 ▷ **VOL/CH**

10 ▷ **STOP**

11 ▷ **OK**

12 ▷ **NAVIGATION ARROWS**

13 ▷ **PAUSE/STEP**

16 ▷ **TITLE**

17 ▷ **A-B**

20 ▷ **ZOOM**

21 ▷ **ANGLE**

POWER

OPEN/CLOSE

OSD/SETUP

SEARCH

CLEAR

VOL/CH

REW

FF

STOP

PLAY

PAUSE/ STEP

MENU/ RETURN

TITLE

A-B

EQUALIZER

PLAY MODE

ZOOM

ANGLE

SUBTITLE

AUDIO

DVD VIDEO

OK

CINEVISION™

2 ◁ **OPEN/CLOSE**

5 ◁ **OSD/SETUP**

6 ◁ **SEARCH**

7 ◁ **CLEAR**

8 ◁ **NEXT/ FORWARD SCAN**

9 ◁ **PREVIOUS/ REVERSE SCAN**

14 ◁ **PLAY**

15 ◁ **MENU/RETURN**

18 ◁ **PLAY MODE**

19 ◁ **EQUALIZER**

22 ◁ **AUDIO**

23 ◁ **SUBTITLE**

Note:

1. Please note that reference numbers for the remote are described beginning on page 19 of this manual.

2. In this manual, " ⇦ " " ⇨ " " ⇧ " " ⇩ " will be used to represent different NAVIGATION ARROWS on the remote respectively.

Connecting to a TV Set

Composite video

RED   WHITE

YELLOW

Component video

VIDEO IN

VIDEO

S-VIDEO

VIDEO IN

C_R

C_B

Y

AUDIO IN

L

R
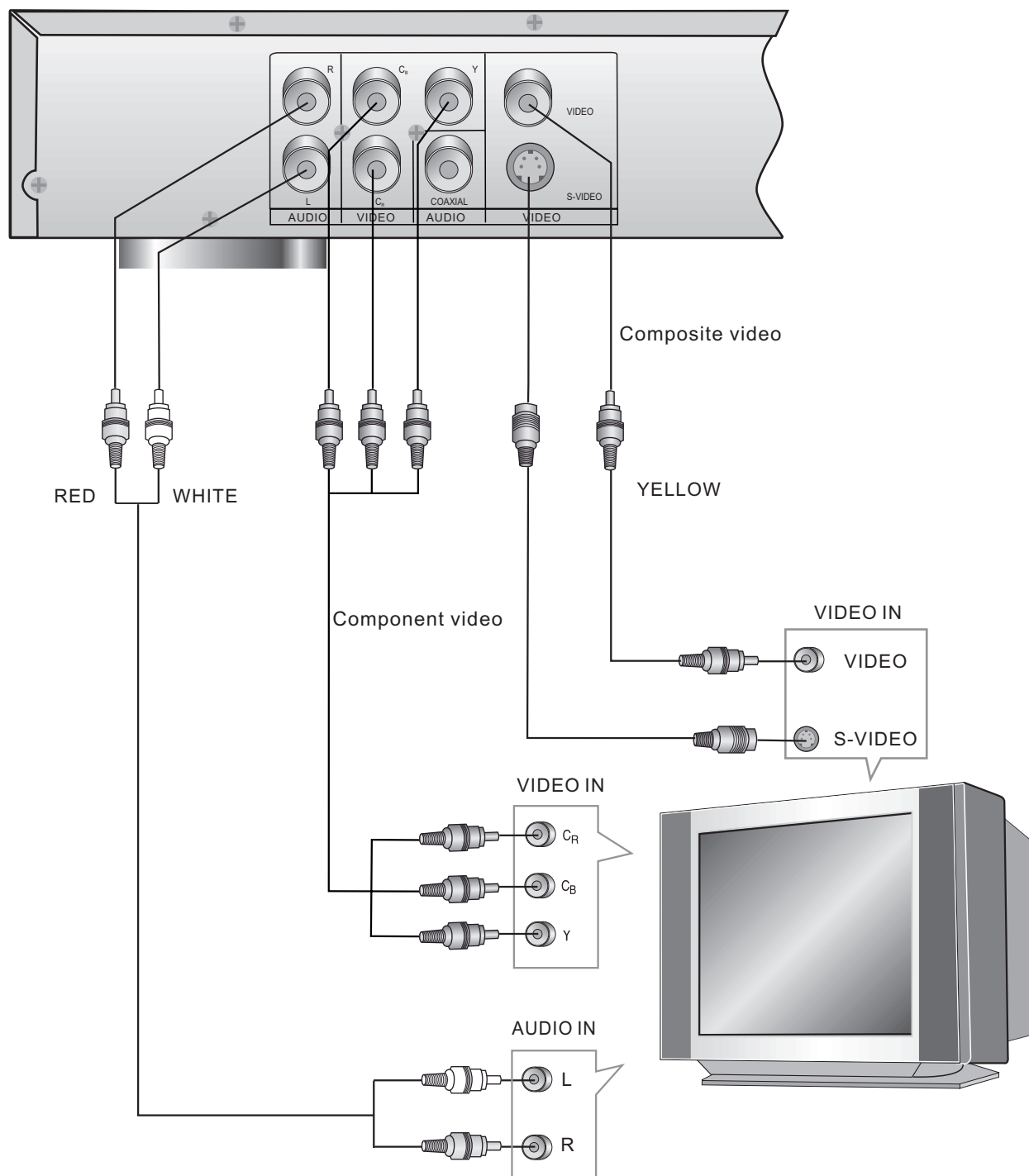
Notes:

There are three ways of connecting the player's AV output to the TV set:

1. S-video cable and left/right audio cable [set the (Video Type) to (**S-Video**)].(See page 16)

2. Composite video cable and left/right audio cable.

3. Component video cable and left/right audio cable [set the (Video Type) to (**YCbCr**)].

Connecting to an AV Amplifier with
2 Channel Analog Audio Input

RED WHITE

YELLOW

VIDEO IN

VIDEO

Receiver

DVD IN

L white

R red
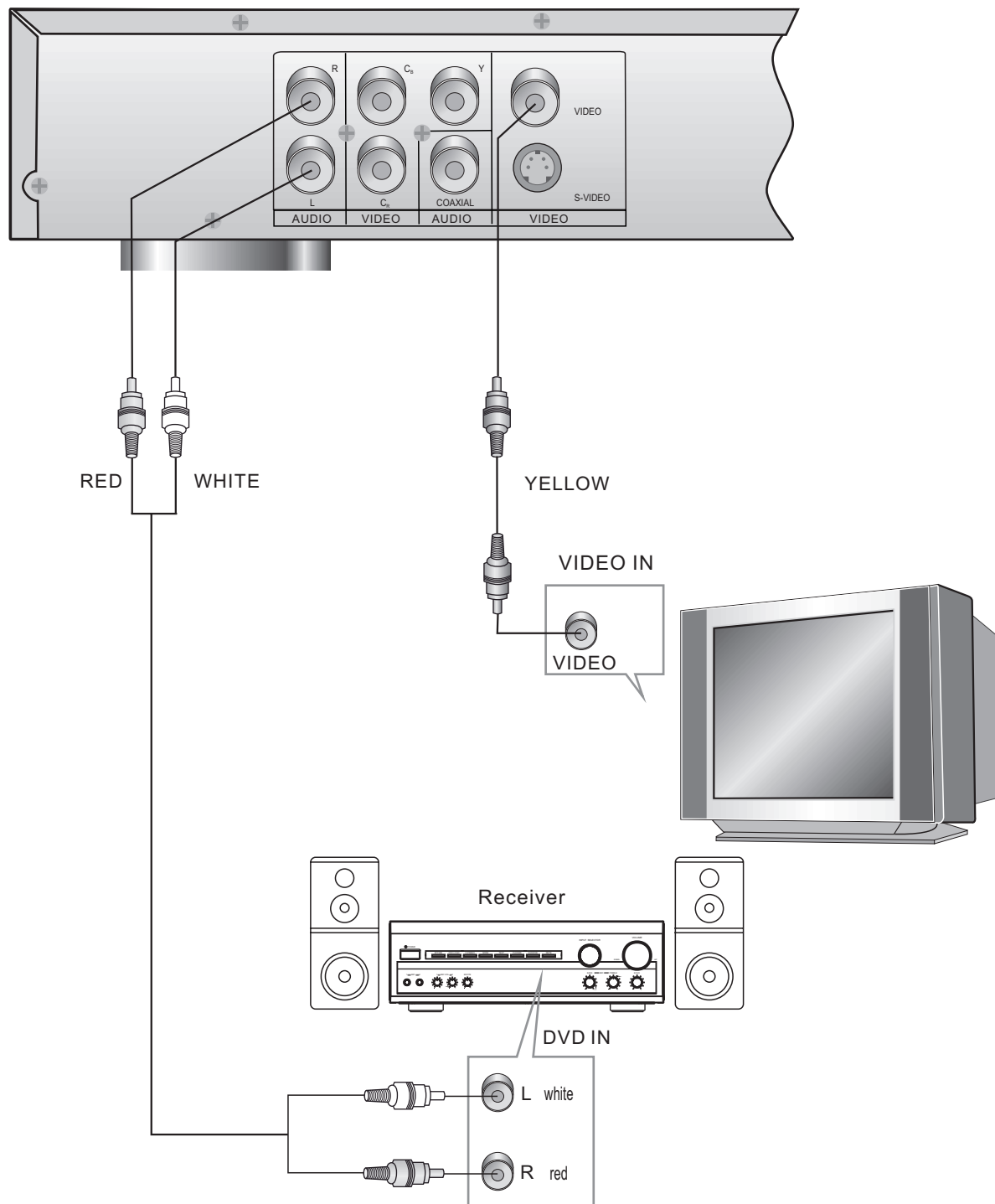
Notes:

1. Set the TV to the AV input connected to the DVD player.

2. Set the receiver to the AV input connected to the DVD player.

Connecting to an AV Amplifier with Digital Audio Input
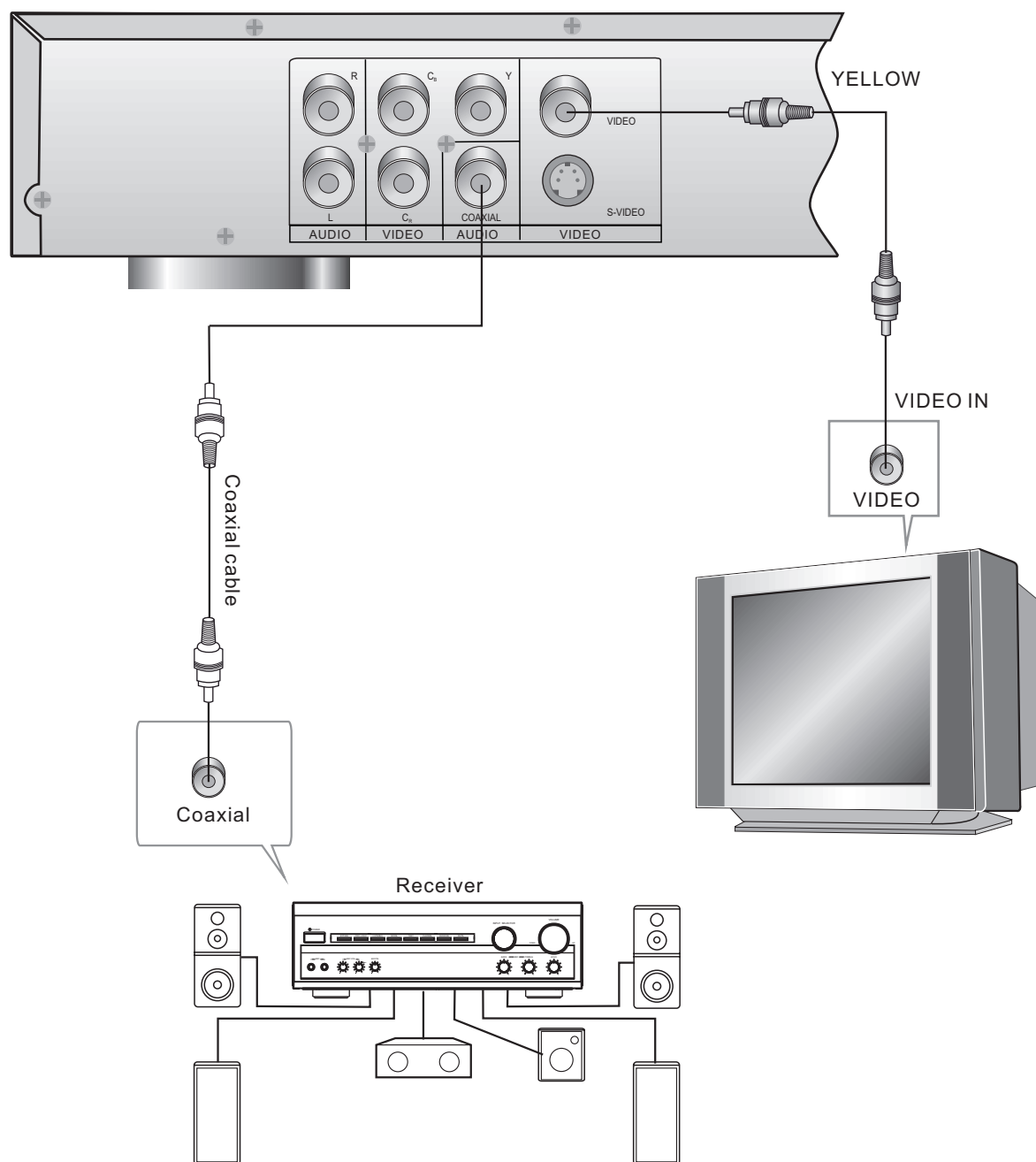
Notes:

1. Select the Coaxial digital audio output.

2. Set the player's audio out to **Bitstream** or **PCM** mode (see page 16).

3. Set the receiver to the AV input connected to the DVD player.

Basic Operation

Preparation before playing:

1. Connect the DVD player to your TV and amplifier.

2. Turn on the TV.

3. Set the TV to the AV input connected to the DVD player.

4. Turn down the volume on your amplifier, and then power it on.

5. Set the amplifier to the AV input connected to the DVD player.

STEP 1 - Press **POWER** to start the player. The DVD logo appears on the TV screen.

STEP 2 - Press **OPEN/CLOSE** either on the front panel or remote control. When the tray is open, place the disc on the tray with the label side up. Press OPEN/CLOSE again to close the disc tray.

STEP 3 - Press the **PLAY** button on the front panel or remote control. The player will automatically read and identify the disc, and begin playback.

Modes and Features Setup

ON SCREEN DISPLAY (OSD)/SETUP

5⟩

In stop mode, press **OSD/SETUP**, and the TV screen will display the Setup Menu as follows:

Language	Video	Audio	Rating	Other

Press ◁ ▷ to change items
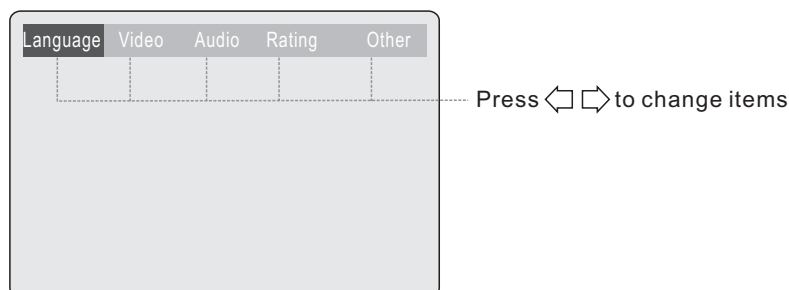
Setup Menu

A. Press **OK** to display each submenu
B. Press **OSD/SETUP** to exit the Setup Menu

Language Setup

Select [Language] in the Setup Menu, and press **OK** to display the [Language] submenu:

Language	Video	Audio	Rating	Other

Press ⬆ ⬇ to select the menu item

Menu/OSD   English
Subtitle   English
Audio   English
Disc Menu   English
Auto OSD   On

A. Press **OK** or ▷ to set
B. Press ◁ to go back one menu
C. Press **MENU/RETURN** to return to the Setup Menu
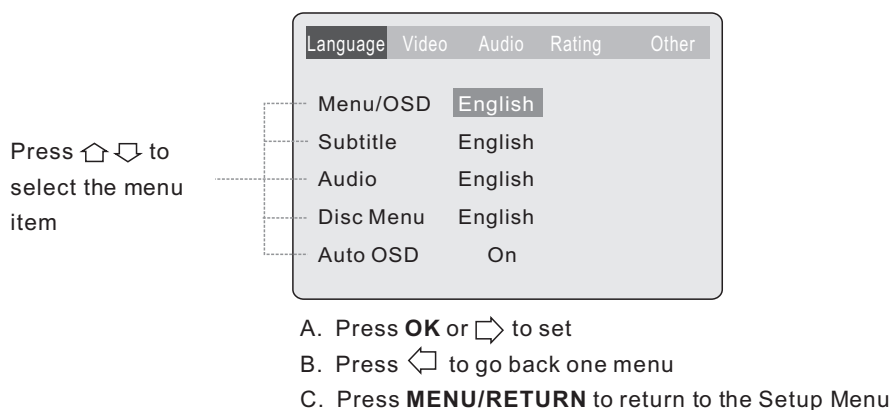
Select [Menu/OSD], and press **OK** or ▷ to display the [Menu/OSD] submenu:

Language	Video	Audio	Rating	Other

Menu/OSD   English   English
Subtitle   English   French
Audio   English   Spanish
Disc Menu   English
Auto OSD   On

Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm
B. Press **OSD/SETUP** to exit the Setup Menu
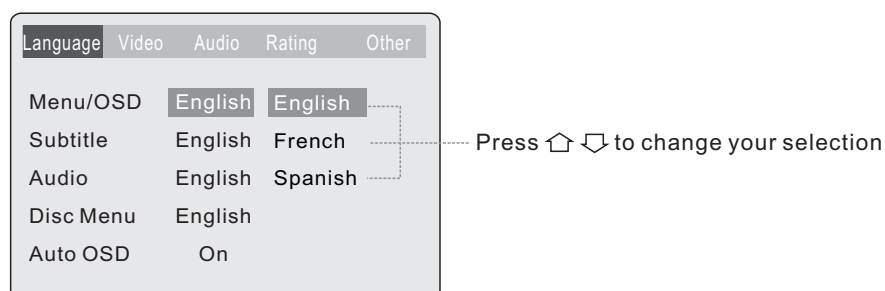
Modes and Features Setup

Language Setup

Select [Subtitle], and press **OK** or ▷ to display the [Subtitle] submenu:

Language	Video	Audio	Rating	Other
Menu/OSD	English			
Subtitle	English	English		
Audio	English	French		
Disc Menu	English	Spanish		
Auto OSD	On	Auto		
		Off		

Press ⬆ ⬇ to change your selection

Note: Subtitle languages vary by disc.

A. Press **OK** to confirm

B. Press **OSD/SETUP** to exit the Setup Menu

Select [Audio], and press **OK** or ▷ to display the [Audio] submenu:

Language	Video	Audio	Rating	Other
Menu/OSD	English			
Subtitle	English			
Audio	English	English		
Disc Menu	English	French		
Auto OSD	On	Spanish		

Press ⬆ ⬇ to change your selection

Note: Audio languages vary by disc.

A. Press **OK** to confirm

B. Press **OSD/SETUP** to exit the Setup Menu

Select [Disc Menu], and press **OK** or ▷ to display the [Disc Menu] submenu:

Language	Video	Audio	Rating	Other
Menu/OSD	English			
Subtitle	English			
Audio	English			
Disc Menu	English	English		
Auto OSD	On	French		
		Spanish		

Press ⬆ ⬇ to change your selection

Note: Menu languages vary by disc.

A. Press **OK** to confirm

B. Press **OSD/SETUP** to exit the Setup Menu

Select [Auto OSD], and press **OK** or ▷ to display the [Auto OSD] submenu:

Language	Video	Audio	Rating	Other
Menu/OSD	English			
Subtitle	English			
Audio	English			
Disc Menu	English			
Auto OSD	On	On		
		Off		

Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm

B. Press **OSD/SETUP** to exit the Setup Menu

Modes and Features Setup

Video Setup

Select [Video] in the Setup Menu, and pr ess **OK** to display the [Video] submenu:

Press ⬆ ⬇ to
select the menu
item

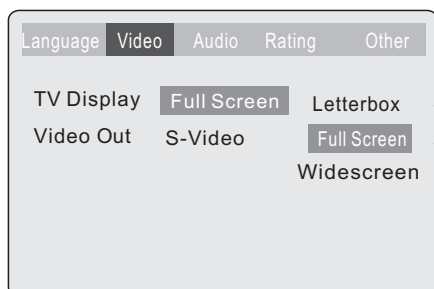| Language	Video	Audio	Rating	Other

TV Display   Full Screen
Video Out   S-Video
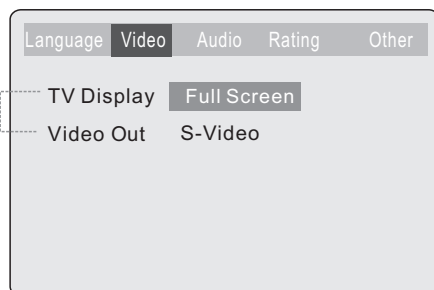
A. Press **OK** or ⟶ to set
B. Press **MENU/RETURN** or ⟵ to return to the Setup Menu

Select [TV Display], and press **OK** or ⟶ to display the [TV Display] submenu:

Language	Video	Audio	Rating	Other

TV Display   Full Screen   Letterbox
Video Out   S-Video   Full Screen   Press ⬆ ⬇ to change your selection
                           Widescreen

A. Press **OK** to confirm   B. Press **OSD/SETUP** to exit the Setup Menu

[Letterbox] -   The full width of the picture is displayed on a standard 4:3
                 television, but black bars appear above and below the picture.

[Full Screen] - The full height of the picture is displayed on a standard 4:3
                 television, but some left/right detail is lost as the movie "pans and
                 scans" to keep the most important action on the screen.

[Widescreen] -   The picture fills the screen of a wide-screen (16:9) television.
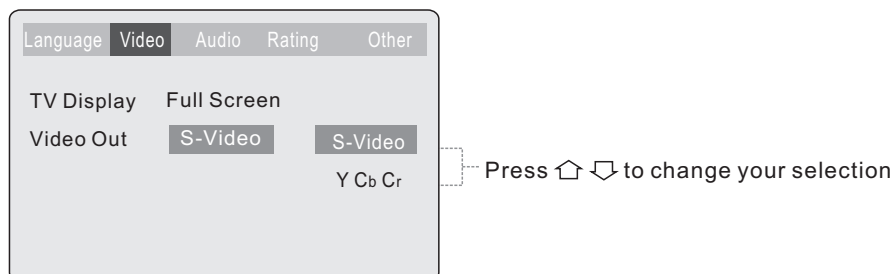
Note: Not all DVDs offer movies in Full Screen format. If not, the disc will override your
TV Display setting and the movie will be displayed in Letterbox format.

Modes and Features Setup

Video Setup

Select [Video Out], and press **OK** or ▷ to display the [Video Out] submenu:

```
Language   Video   Audio   Rating      Other


TV Display    Full Screen
Video Out     S-Video          S-Video

                               Y Cb Cr          ┄┄ Press ⬆ ⬇ to change your selection
```

A. Press **OK** to confirm   B. Press **OSD/SETUP** to exit the Setup Menu

[S-Video]----S-video output

[YCbCr]----Component video output

Note: The Composite video output is always available.

Audio Setup

Select [Audio] in the Setup Menu, and press **OK** to display the [Audio] submenu:

```
                    Language   Video   Audio   Rating      Other

Press ⬆ ⬇ to  ┄┄┄  DTS Out       Analog
select the menu ┄┄  Digital Out   PCM
item
```
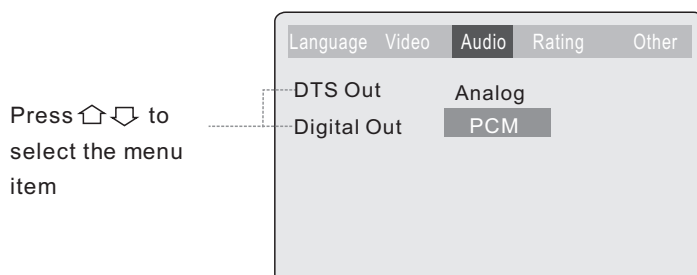
A. Press **OK** or ▷ to set   B. Press **MENU/RETURN** or ◁ to return to the Setup Menu

Select [DTS Setting], and press **ENTER** or ▷ to display the [DTS Setting] submenu:

```
Language   Video   Audio   Rating      Other

DTS Out       Analog        Analog
Digital Out   PCM           Digital          ┄┄ Press ⬆ ⬇ to change your selection
```
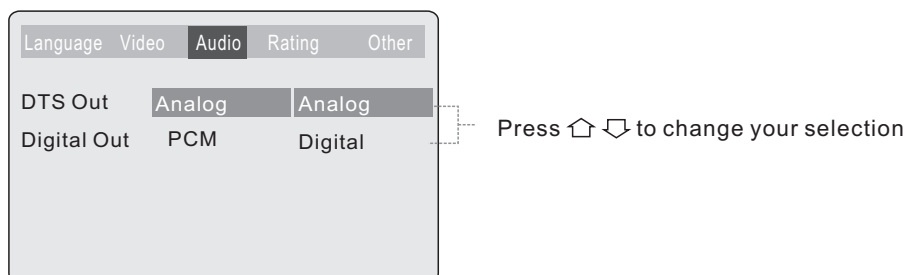
A. Press **OK** to confirm   B. Press **OSD/SETUP** to exit the setup mode

Select [Digital Out], and press **OK** or ▷ to display the [Digital Out] submenu:

```
Language   Video   Audio   Rating      Other

DTS Out       Analog
Digital Out   PCM           PCM        ┄┄┄

                            Bitstream┄┄┄  ┄┄ Press ⬆ ⬇ to change your selection
                            Off      ┄┄┄
```
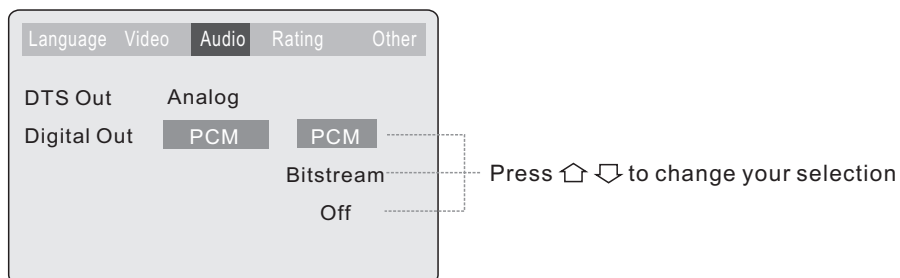
A. Press **OK** to confirm   B. Press **OSD/SETUP** to exit the Setup Menu

# Modes and Features Setup

Audio Setup

[PCM]----Digital audio output in PCM (pulse code modulation) format; use for stereo
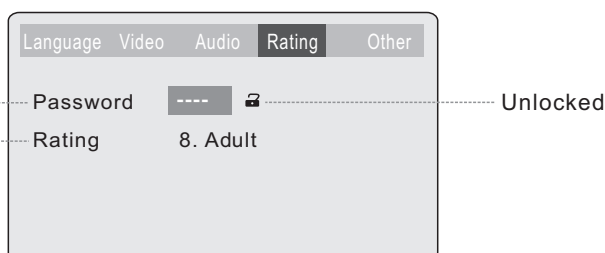   or CD playback.

[Bitstream]----Digital audio out in original format; use if you connect to an A/V receiver
       with a Dolby Digital or DTS decoder.

[Off]----No digital audio out.

Rating Setup

Select [Rating] in the Setup Menu, and press **OK** to display the [Rating] submenu:

Press △ ▽ to
select the menu
item

Language	Video	Audio	Rating	Other
Password	---- 🔓			Unlocked
Rating	8. Adult			

A. Press **MENU/RETURN** or ◁ to return to the Setup Menu

Note: Not all DVDs support Ratings.

Use the 0-9 keys to input four digits, then press **OK** to confirm. The [Rating] submenu displays as follows:

Language	Video	Audio	Rating	Other
Password	**** 🔒			Locked
Rating	8. Adult			
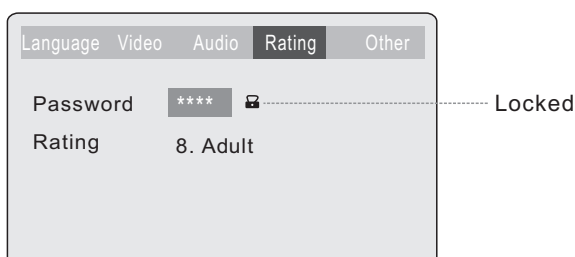
Note: If you forget your password, please use the universal password (listed on the
last page of this manual) to unlock.

Select [Rating], and press **OK** to change [Rating] mode.

Language	Video	Audio	Rating	Other
Password	---- 🔓			
Rating	8. Adult			
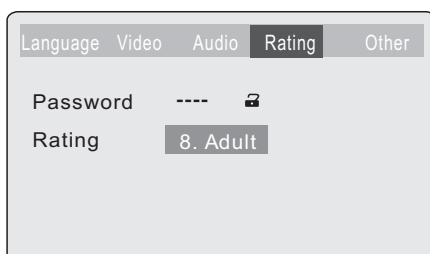
A. Press **OK** repeatedly to select: 1. Kid Safe,
    2. G, 3. PG, 4. PG-13, 5. PG-R, 6. R, 7. NC-17, 8. Adult

B. Press **MENU/RETURN** to return to the Setup Menu

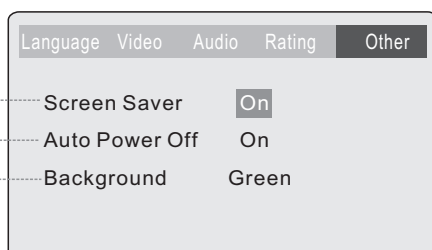**Note:** Unlock the password before setting [Rating].

Modes and Features Setup
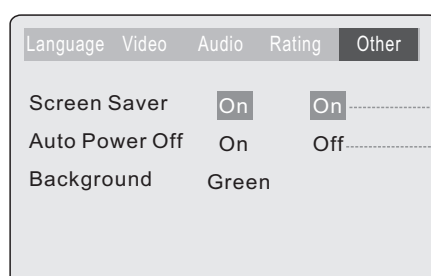
Other Setup items

Select [Other] in the Setup Menu, and press **OK** to display the [Other] submenu:

Press ⬆ ⬇ to
select the menu
item

Language	Video	Audio	Rating	**Other**

Screen Saver   On
Auto Power Off   On
Background   Green

A. Press **OK** or ▷ to set
B. Press **MENU/RETURN** or ◁ to return to the Setup Menu

Select [Screen Saver], and press **OK** or ▷ to display the [Screen Saver] submenu:

Language	Video	Audio	Rating	**Other**

Screen Saver   On   On
Auto Power Off   On   Off
Background   Green

Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm
B. Press **OSD/SETUP** to exit the Setup Menu

Select [Auto Power Off], and press **OK** or ▷ to display the [Auto Power Off] submenu:

Language	Video	Audio	Rating	**Other**

Screen Saver   On
Auto Power Off   On   On
Background   Green   Off
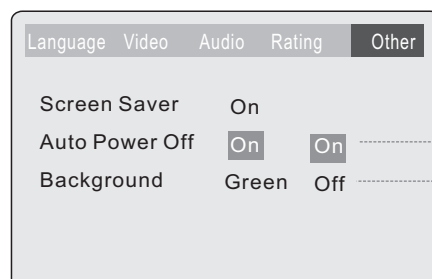
Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm   B. Press **OSD/SETUP** to exit the Setup Menu

Note: When Auto Power Off is set to on, this player will automatically power off
If it stop working for about 30 minutes.

Select [Background], and press **OK** or ▷ to display the [Background] submenu:

Language	Video	Audio	Rating	**Other**

Screen Saver   On
Auto Power Off   On
Background   Green   Green
                         Blue
                         Grey
                         Yellow

Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm
B. Press **OSD/SETUP** to exit the Setup Menu

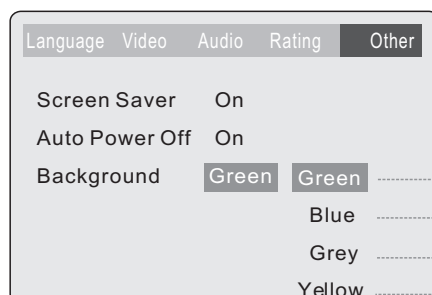# Remote Control Operation

POWER

1

During playback, press **POWER** to stop the player and return to standby mode.
While the player is in standby, press **POWER** or any key on the front panel to resume normal operation.

OPEN/CLOSE

2

To open the disc tray, press **OPEN/CLOSE**.
To close the disc tray, press **OPEN/CLOSE** again.

0-9 keys

3

These keys are used to input the time, as well as title, chapter and track numbers.
When a numeric item is displayed on the screen, press the **0-9 keys** to select the desired entry, and press **OK** to confirm.

CLEAR

7

Press **CLEAR** to delete numbers you have entered.
Press once to delete one digit. Press and hold to delete all digits.

Remote Control Operation

VOL/CH

4 ▢ 👈

Press **VOL/CH**, and the [Channel/Volume] menu will display as follows:

Channel/Volume
Volume ▭
Channel   Mix

Press ⬆ ⬇ to
select the menu
item
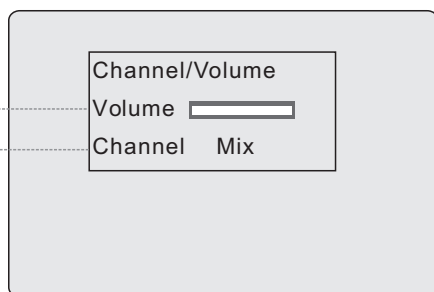
Select [Volume], the screen will display as follows:

Channel/Volume
Volume ▭
Channel   Mix
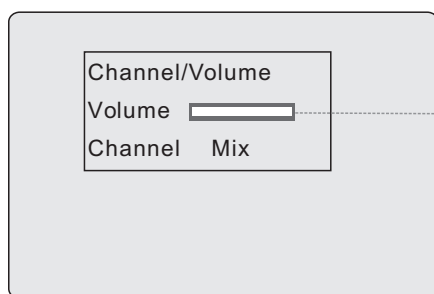
Press ◁ ▷ to adjust the volume

Press **VOL/CH** again to exit the menu.

Select [Channel], the screen will display as follows:

Channel/Volume
Volume ▬
Channel   Mix
           Stereo
           Left
           Right

A. Press **OK** repeatedly to change the selection
B. Press **VOL/CH** again to exit the menu.

Remote Control Operation

OSD/SETUP

5

During playback, press **OSD/SETUP** to display the current time counter position.

0:04:45 —————— Elapsed time of the current track/chapter

Press **OSD/SETUP** again to display additional information about the playing disc.

CD   VCD   SVCD

Disc type ————— VCD   0:04:45 ———— Elapsed time of the current track
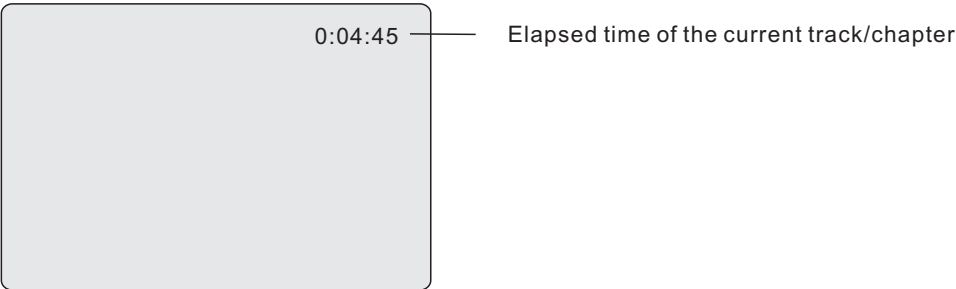   Track 1/15 ———————————————— Total tracks
                                                   Current track

DVD

Disc type ————— DVD   0:04:45 ———— Elapsed time of the current title
Current title ———— Title 1/10 Chapter 2/20 🎥 Angle 2/2 ——— Angle
Audio type ———— Audio   💬 1 Eng   🔊 5.1Ch ——— Current chapter
Subtitle ————— Subtitle   ▦ 1 Eng
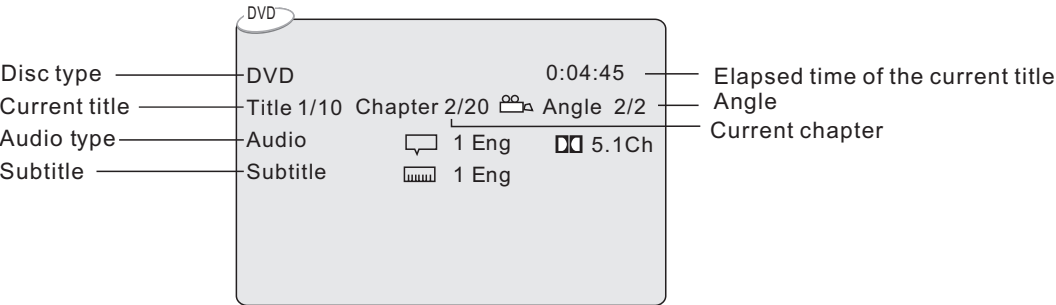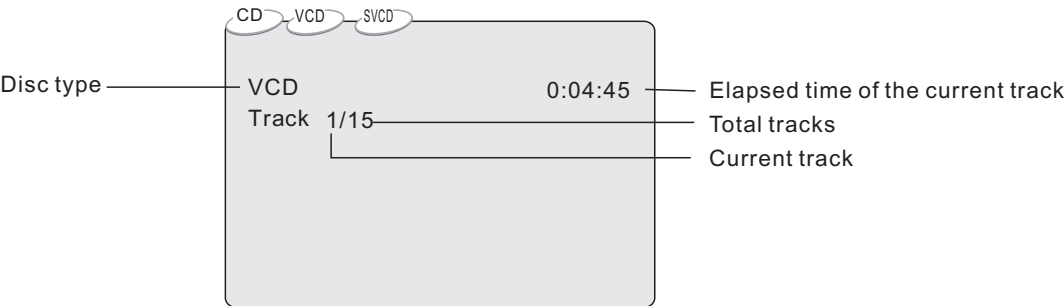
For CDs, press **OSD/SETUP** a third time to display the dynamic frequency spectrum.
Press it again to turn off the spectrum.

CD

Note: Press **STOP** to access other modes.

SEARCH

6

During playback, press **SEARCH**, and the [Track Search] menu will display as follows:

CD VCD SVCD

Track Search   0:28:08

Time   -:--:--

DVD

Search   0:28:08

Time   -:--:--

Title   - -
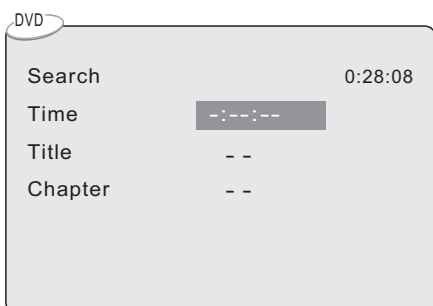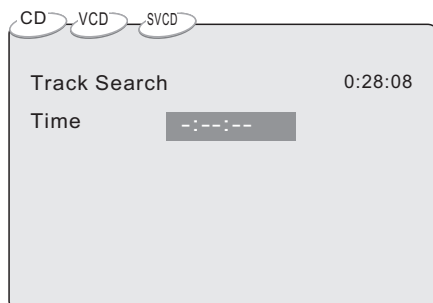
Chapter   - -

Notes: Time searches for an exact time in the movie.
In Title/Chapter mode, you cannot enter a value outside the range of the total number of titles or chapters.
For some DVD discs, the Search function is unavailable.

Use the number keys to input the desired Time, Title or Chapter then press **OK** to confirm.

Press **SEARCH** again , the [Disc Search] menu will display as follows:

CD

Disc Search   0:28:08

Time   -:--:--

VCD SVCD

Disc Search   0:28:08

Time   -:--:--
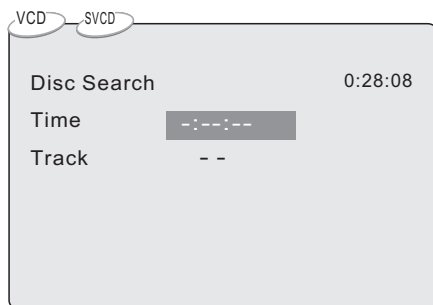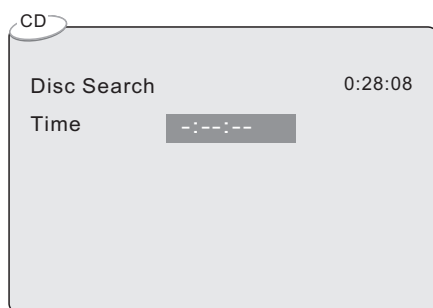
Track   - -

Notes: During VCD and SVCD playback (with PBC off), press **SEARCH** twice
to display the [Disc Search] menu.

Remote Control Operation

FF

8 ▶▶|

During DVD, CD or VCD playback, press **FF** once to play the next chapter, title or track.

During DVD, CD or VCD playback, press and hold **FF** to scan forward. The player will cue the disc at 2, 4, 8 and 20 times normal speed as follows:

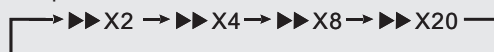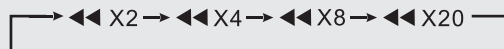$$\rightarrow \blacktriangleright\blacktriangleright X2 \rightarrow \blacktriangleright\blacktriangleright X4 \rightarrow \blacktriangleright\blacktriangleright X8 \rightarrow \blacktriangleright\blacktriangleright X20$$

Press **PLAY** to resume normal playback.

REW

9 |◀◀

During DVD, CD or VCD playback, press **REW** once to play the previous chapter, title or track.

During DVD, CD or VCD playback, press and hold **REW** to scan in reverse. The player will review the disc at 2, 4, 8 and 20 times normal speed as follows:

$$\rightarrow \blacktriangleleft\blacktriangleleft X2 \rightarrow \blacktriangleleft\blacktriangleleft X4 \rightarrow \blacktriangleleft\blacktriangleleft X8 \rightarrow \blacktriangleleft\blacktriangleleft X20$$

Press **PLAY** to resume normal playback.

STOP

10 ■

Press **STOP** once during playback to stop and hold playback.

Press **PLAY** to resume playback from the point you pressed STOP.

Press **STOP** twice to stop playback completely.

Note: The screen saver will automatically turn on if playback is stopped about 5 minutes(when Screen Saver is set to on).

PAUSE/STEP

13 ❚❚

Press **PAUSE/STEP** during playback to pause playback.

Press **PAUSE/STEP** again to step forward one frame.

Press **PLAY** to resume normal playback.

Note: The step function is not available during CD playback.

PLAY

14 ▶

Press **PLAY** from stop mode to start playback.
Press **PLAY** during playback to replay the last 10 seconds. This function is not available if the elapsed time of current track is less than 10 seconds.

Note: MP3 discs and some DVD discs do not have a 10 second review feature.

MENU/RETURN

15 ●

During DVD, VCD or SVCD playback (with PBC on), press **MENU/RETURN** to return to the program menu.
In the Setup Menu, press **MENU/RETURN** to return to the main menu or stop mode.
Any time, press **MENU/RETURN** to cancels the current OSD or some menus
Note: This function is subject to the disc.

TITLE

16 ▢

During DVD playback, press **TITLE** to display the DVD title menu or play the first title.

Note: This function is subject to the disc.

A-B

17 ▢

During playback, press **A-B** to select point A.
Press it again to select point B. The player will repeat the section from A to B automatically.
Press **A-B** a third time to cancel A-B repeat and clear points A and B.
Note: 1. During CD/VCD/SVCD playback, points A and B must be within the same track.
During DVD playback, points A and B can be selected from different chapters.
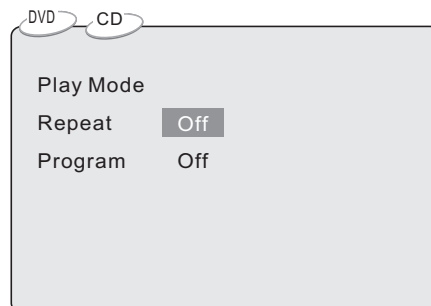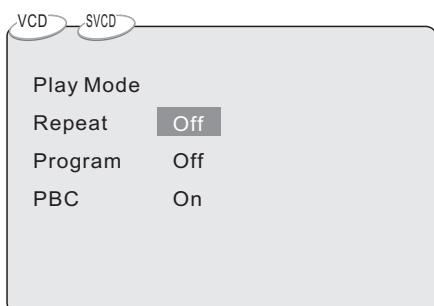2. This function is subject to the disc.

Remote Control Operation

PLAY MODE

18

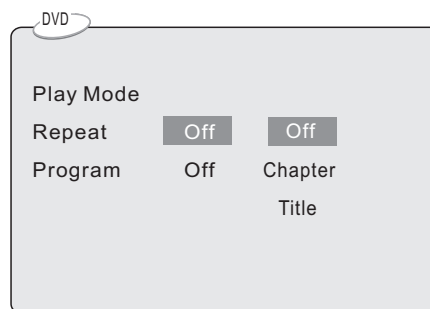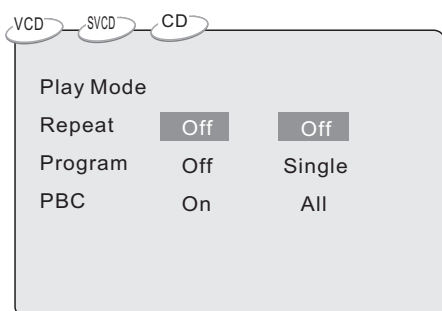Press **PLAY MODE** to display the [Play Mode] menu:

VCD SVCD

Play Mode
Repeat   Off
Program   Off
PBC   On

DVD CD

Play Mode
Repeat   Off
Program   Off

Press ⬆ ⬇ to select the menu item

Select [Repeat], and press **OK** or ➡ to display the [Repeat] submenu:

VCD SVCD CD

Play Mode
Repeat   Off   Off
Program   Off   Single
PBC   On   All

DVD

Play Mode
Repeat   Off   Off
Program   Off   Chapter
                      Title

Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm

B. Press **PLAY MODE** or **MENU/RETURN** to exit the menu

Note: PBC (Playback Control used to navigate VCDs) is not available for CDs.

Select [Program], and press **OK** or ➡ to display the [Program] submenu:

VCD SVCD

Play Mode
Repeat   Off
Program   On   Off
PBC   On   On

DVD CD

Play Mode
Repeat   Off
Program   On   Off
                     On
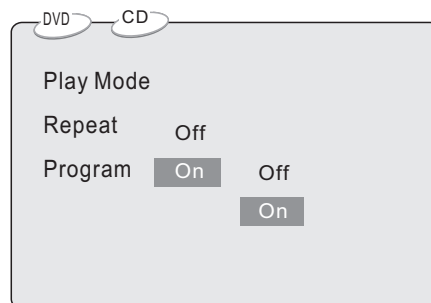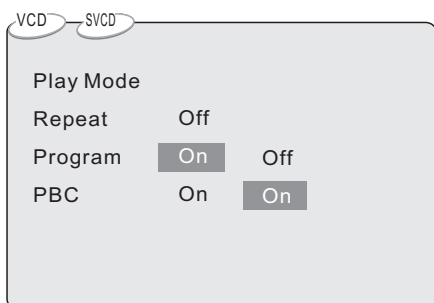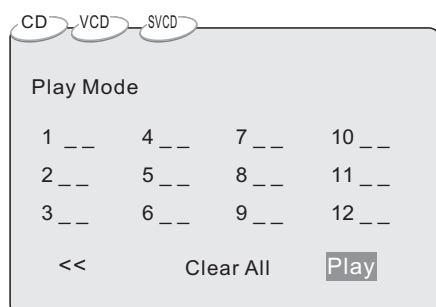
Press ⬆ ⬇ to change your selection

A. Press **OK** to confirm

B. Press **PLAY MODE** or **MENU/RETURN** to exit the menu

While [Program] is on, press **OK** to display the [Program] submenu:

CD VCD SVCD

Play Mode

| 1 _ _ | 4 _ _ | 7 _ _ | 10 _ _ |
| 2 _ _ | 5 _ _ | 8 _ _ | 11 _ _ |
| 3 _ _ | 6 _ _ | 9 _ _ | 12 _ _ |

<<   Clear All   Play

Input the track numbers in the order you would like them to play. When finished, select [Play] and then press **OK** to play the tracks in the new programmed order.
Select [Clear All] and press **OK** to clear all the numbers you have input.
Select [<<] and press **OK** to return to the [Play Mode] menu.

DVD

Play Mode

1 _ _:_ _	4 _ _:_ _	7 _ _:_ _	10 _ _:_ _
2 _ _:_ _	5 _ _:_ _	8 _ _:_ _	11 _ _:_ _
3 _ _:_ _	6 _ _:_ _	9 _ _:_ _	12 _ _:_ _
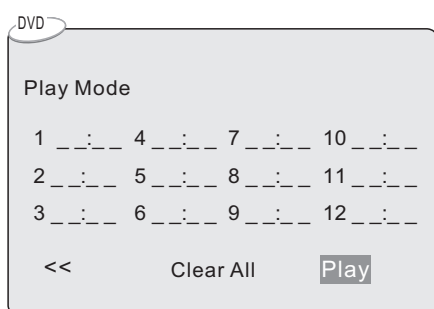
<<   Clear All   Play

Input the title number and the chapter number in the desired order. Then select [Play] and press **OK** to play the chapters in the order you have set.
Select [Clear All] and press **OK** to clear all the numbers you have input.

Select [<<] and press **OK** to return to the [Play Mode] menu.

Select [PBC], and press **OK** or ⇨ to display the [PBC] submenu:

(PBC, or playback control, provides advanced track selection options during VCD playback.)

VCD SVCD

Play Mode	
Repeat	Off
Program	Off
PBC	On Off
	On
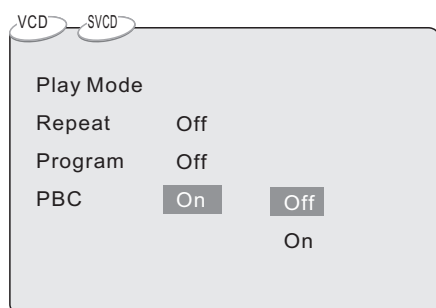
A. Press **OK** to confirm
B. Press **PLAY MODE** or **MENU/RETURN** to exit the menu

EQUALIZER

19

The **EQUALIZER** allows you to adjust 6 frequency bands independently.

CD

Graphic Equalizer

- _ _ _ _ _ _ _ _ _ _ _ _ _ _
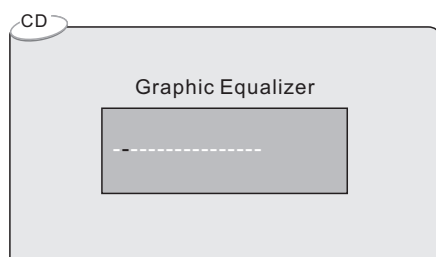
A. Press ◁ or ⇨ to select the desired frequency band.
B. Press ⬆ ⬇ to adjust the level for each frequency.

Note: **EQUALIZER** will lower volume when setting are changed from default volume.
EQUALIZER is not available for DVD, MP3, VCD or SVCD playback.

Remote Control Operation

ZOOM

20 During VCD/SVCD/DVD playback, press **ZOOM** to magnify the image as follows:

Q1 ——→ Q2 ——→ Q3
Q Off ←——

ANGLE

21 During DVD playback

Press **ANGLE** to view scenes from different camera angles.
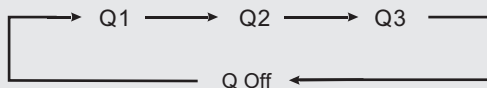
Press **ANGLE** repeatedly to change from one camera angle to another.

Note: This function is disc specific.

AUDIO

22 During DVD playback

Press **AUDIO** repeatedly to select from up to 8 audio languages/formats.

During SVCD playback

Press **AUDIO** repeatedly to select from up to 4 audio languages/formats.

Note: This function is disc specific.

SUBTITLE

23 During DVD playback

Press **SUBTITLE** repeatedly to select from up to 32 subtitle languages.

Note: This function is disc specific (languages will vary).

MP3 Playback

Supported formats

Disc format: ISO 9660, Joliet

Music file formats: Mp3

MP3 bit rate (data rate): 32-192kbps

Total number of music files and albums: around 350 per disc

Sampling rate: (CBR) 32kHz/44.1kHz/48kHz/64kHz; (VBR) 16kHz/22kHz/24kHz/32kHz (MPEG)

Note: The player will not identify or play MP3 discs under the following conditions: recording format is not supported, badly scratched or deformed disc, MP3 recorded in CD-R or CD-RW which is not finalized, or a dirty pickup.

When an MP3 disc is loaded, the screen will display as follows:
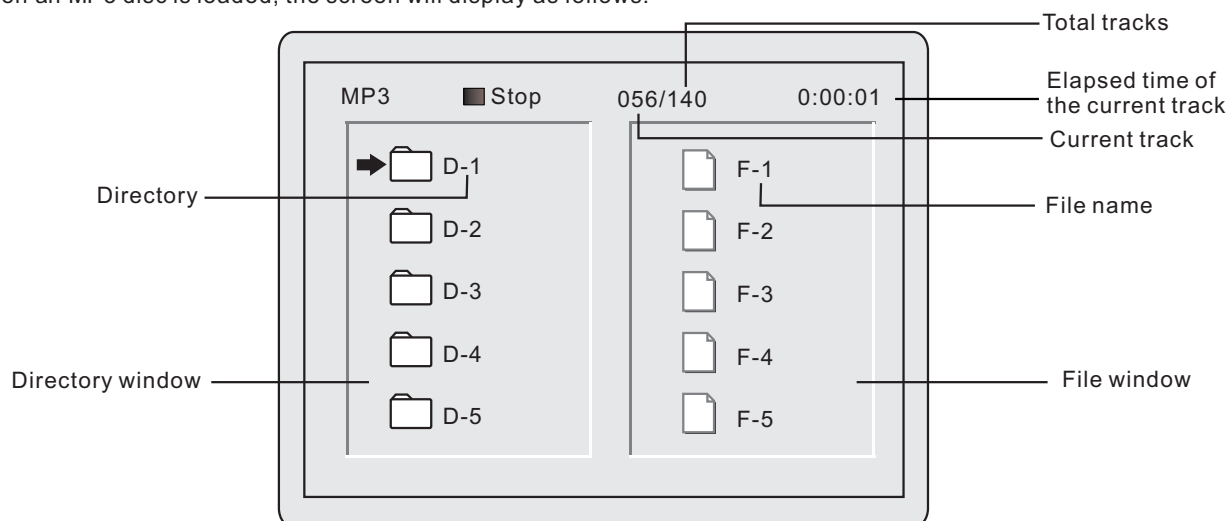
Press ⬆ ⬇ to select the directory.

Press **PLAY** to play the first file in the directory selected by the cursor in the directory window. The cursor will automatically move to the file playing in the file window.

Note: The player supports English directory and file names only. Other languages will display as "Dir-X" for the directory name.
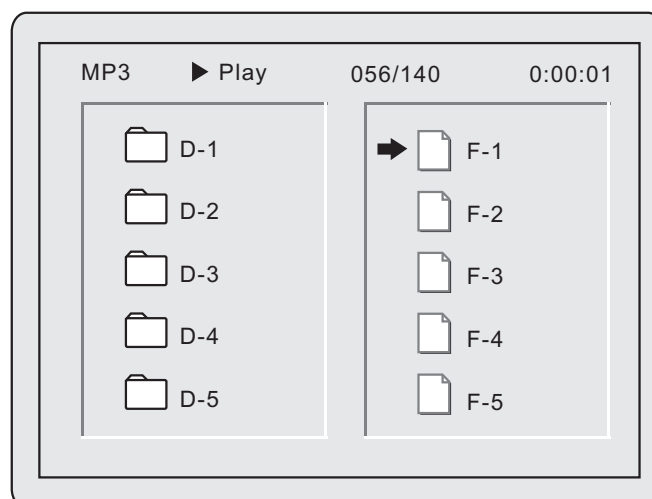
Press ⬆ ⬇ to select the file when the cursor appears in the file window.

Press **PLAY** to play the current file selected by the cursor.

Press ◁ ▷ to switch between the directory window and the file window.

Note: During MP3 playback, **Forward Scan** and **Reverse Scan** are not available.

Kodak Picture CD Playback

The introduction of KODAK Picture CD

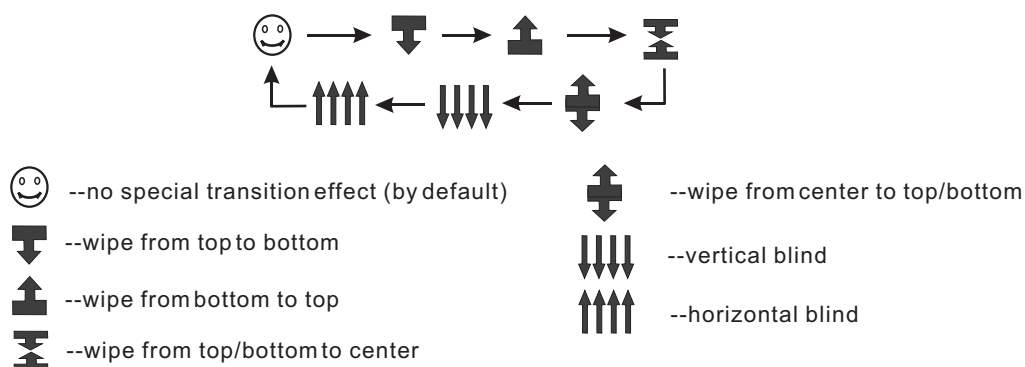A Kodak Picture CD has the size and shape of a regular CD. You can order a KODAK Picture CD simply by checking the box on the photofinishing envelope when you drop off a roll of film (35 mm or Advanced Photo System (APS) color print film) at the time of processing in Kodak Express store displaying "Kodak Picture CD" sign. When your order is returned, you receive your prints, negatives, and your full roll of pictures safely stored on your KODAK Picture CD. Each KODAK Picture CD brings you the tools to enhance, share and manage your pictures on your computer. You also can record the JPEG picture into CD-R or CD-RW with the CD-Rewriter yourself.

Note: 1. The Max. Size of JPEG Picture can be supported: 3840X3840 pels

2. JPEG stands for Joint Picture Experts Group. It is the first International Standard on Still Picture Compressing: ISO 10918-1, constituted by the Committee on Still Picture Compressing Standard of ISO. The pictures on KODAK Picture CD are stored in this format (JPEG). This player can decode the JPEG pictures in KODAK Picture CD and playback the pictures in different modes.

Now, you can playback Kodak Picture CDs on this player and view your wonderful pictures on your TV in the comfort of your living room.

When a Kodak Picture CD is inserted on a player an automatic slide show is launched. Each picture in the Kodak Picture CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen.

This player provides 7 different slideshow transition modes, you can use **PLAY MODE** on Remote Control Unit to select the modes during playing:

☺ --no special transition effect (by default)   ↕ --wipe from center to top/bottom

⊤ --wipe from top to bottom   ↓↓↓↓ --vertical blind

⊥ --wipe from bottom to top   ↑↑↑↑ --horizontal blind

✕ --wipe from top/bottom to center

General function:
- You can set slideshow transition modes for any pictures.
- Press the **PAUSE/STEP** to stop playing.
- Press the **REW** or **FF** to see the previous or next picture.
- Press the **PLAY** to continue slideshow transitions.

Image Rotation

There are four modes to rotate a picture: Invert, Mirror, Left, and Right. These operations are allowed only when a picture is being displayed normally and will be cancelled automatically when a new picture is displayed. The arrow keys are used to select the different rotation modes:

- Press ⇧ --Invert/Normal   OSD display 📷
- Press ⬇ --Mirror/Normal   OSD display 📷   ,press it again to resume normal.
- Press ⇦ --Turn left   OSD display 📷   ,press it again to resume normal.
- Press ⇨ --Turn right   OSD display 📷   ,press it again to resume normal.

Kodak Picture CD Playback

Zoom Function:

This player provides both Zoom in/out and Zoom pan function. Press the **ZOOM** consecutively, the picture will zoom in/out in turn as followings:

$$Q 1 \longrightarrow Q 2 \longrightarrow Q 3 \longrightarrow Q 4 \longrightarrow Q 5$$
$$Q \text{ off}$$
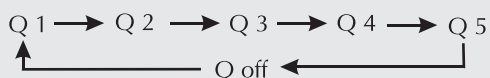
Note: During the ZOOM function, slideshow transitions and image rotation are disabled.
Q off: close zoom, press **PLAY** again to resume slideshow transition mode.
Q1, Q2, Q3: zoom in;   Q4, Q5: zoom out

Digest function

● Press the **MENU/RETURN** to enable the function. The television screen can display up to 12 pictures at a pro ratio.

● Press Direction key to select any picture displayed on the screen, then press **PLAY**, the selected picture will zoom in and start slideshow transition.

Note: the quality of the picture displaying on your screen is mostly subjected to your display equipment.

Time slot between slides presetting

● In playback mode, press the **SEARCH** to open the function menu.

● Press use the ◁ ▷ keys to adjust the time slot, there will display the time slot on the top-right corner of the menu.

● Press the **SEARCH** again to close this function.

Troubleshooting

If you have any questions, please consult the troubleshooting guide below. If you cannot solve the problem, please contact our customer support department at 480-922-0896 or via e-mail at customersupport@sonicblue.com.

NO PICTURE OR SOUND

- Ensure the power button is on.
- Ensure the power outlet is operational.
- Ensure the power cord is not damaged.
- Ensure the power plug is connected firmly to the outlet.

PICTURE BUT NO SOUND

- Ensure the audio jacks are securely connected.
- Ensure the audio connector is not damaged.
- Ensure the volume is turned up in VOL/CH setup.
- Ensure you have set the player's AUDIO settings correctly.
- Ensure you have selected the correct AV input for your TV.
- Ensure the audio is not set to mute.

SOUND BUT NO PICTURE

- Ensure the video jacks are securely connected.
- Ensure you have selected the correct AV input for your TV.
- Ensure the video connector is not damaged.
- Ensure you have set the player's VIDEO settings correctly.

POOR PICTURE OR SOUND

- Ensure you have set the player's AUDIO settings correctly.
- Ensure the disc is not scratched or stained.
- Ensure the AV connector or the output terminal is not damaged.

"BAD DISC" DISPLAYED

- Ensure the disc is not warped, damaged or deformed.
- Ensure the disc is not badly stained or damaged.
- Ensure the disc format is compatible with the player.
- Please check whether you tried to play a software CD. If so, please restart the player.

REMOTE NOT WORKING

- Ensure the remote batteries are working.
- Point the remote control directly at the player's IR sensor.
- Remove any obstacles between the remote and the IR sensor.

UNIT NOT WORKING

- Turn off the power, and then turn it on again.

"NO DISC" DISPLAYED

- Ensure you have put the disc on the tray.
- Ensure the disc is not upside down.
- Ensure the disc is not distorted, stained or scratched.

Specifications

Power requirements: 110-240V, 50/60Hz

Power consumption: 25W

Video standard: NTSC

Unit Weight: 6.4 Lbs (2.9kg)

Unit Dimensions: 16.5in(W) x 12.0in(D) x 2.2in(H) (product),(418mm(W) x 305mm(D) x 55mm(H))

Video out

Video out: 1.0V(p-p)/75 , sync, negative polarity, RCA pin Jack x 1
S-video output connector(separate Y C signal output connector):
Y output: 1.0V(p-p)/ 75 , sync, negative polarity
C output: 0.286 V(p-p)/75
4 pin mini DIN x 1

Audio out

Analog out: 1.85V(rms)/10k , RCA pin Jack(L,R) x 1
Coaxial out: 0.5V(p-p)/75 , RCA pin Jack x 1

Frequency response: 20Hz to 20kHz
S/N ratio: >90dB
Total harmonic distortion: < 0.05%

[Accessories]

Audio/Video cable   1
Remote Control   1
Batteries(AAA)   2

Specifications are subject to change without notice.
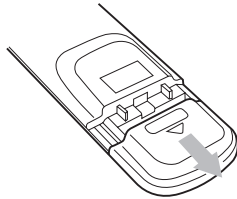**Weight and dimensions are approximate.**

Remote Control Preparation
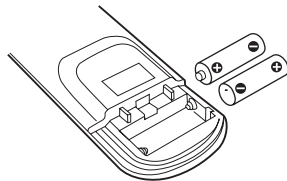
Insert batteries
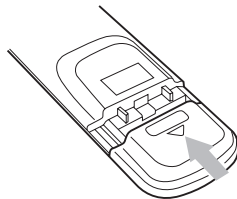
1   **1. Open the cover.**

2   **2. Insert batteries.**

Make sure to match the "+" and "-" of the batteries with the marks inside the battery compartment.

3   **3. Close the cover.**

Notes:

Improper use of batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below:

   Do not insert the batteries in the wrong direction.
   Do not charge, heat, open, or short-circuit the batteries.
   Do not throw batteries into a fire.
   Do not leave dead batteries in the Remote Control.
   Do not use different types of batteries together, or mix old and new batteries.
   If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.
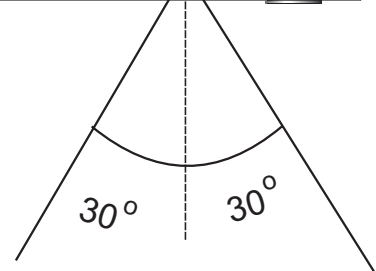   If the remote control does not function correctly or the operating range becomes reduced, replace all batteries with new ones.
   If battery leakage occurs, clean the battery compartment, then insert new ones.

Using the remote control

Point the remote control at the remote sensor.

(The pictures below are for reference only.)

$30°$ $30°$

Remarks: Do not expose the remote sensor of the DVD Player to a strong light source, such as direct sunlight.
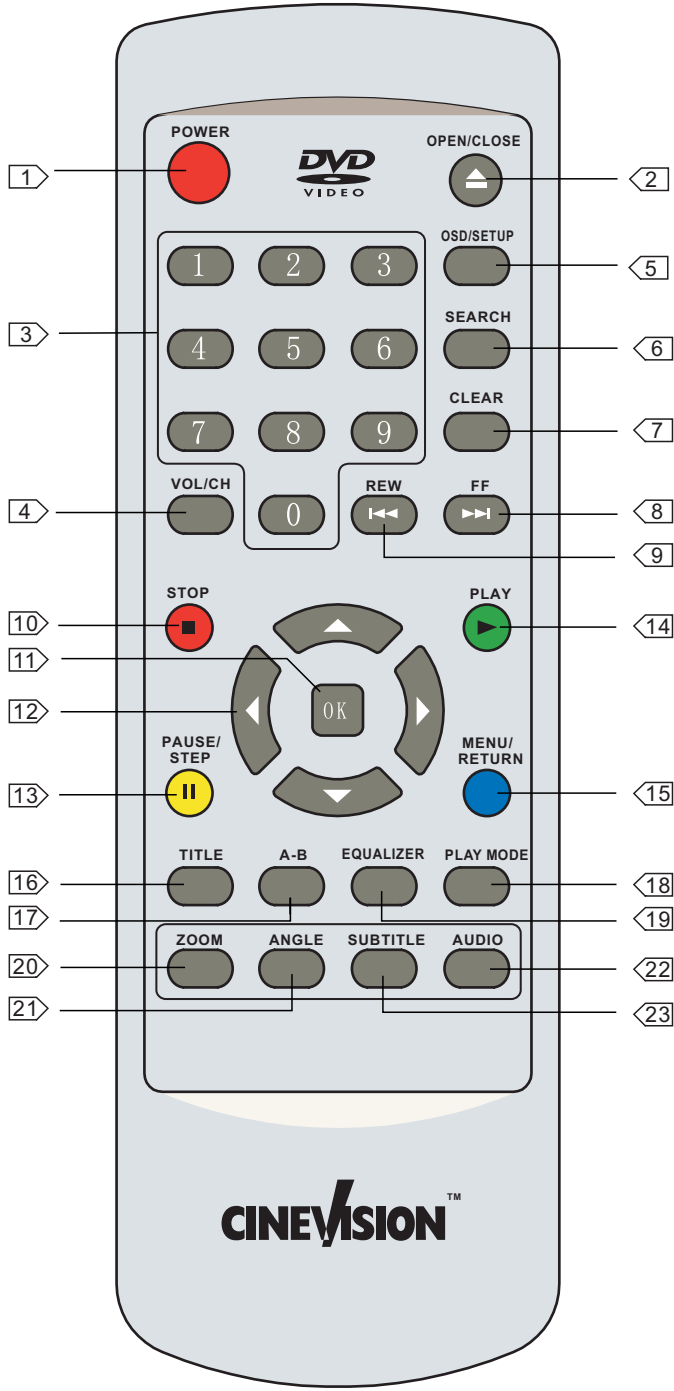
Notes:

   Point the remote control directly at the player's remote sensor.
   Do not leave the remote control in an extremely hot or humid place.
   Do not spill water or put anything wet on the remote control.
   Battery life is ~1 year under normal conditions.

1	POWER		
		DVD VIDEO	
		OPEN/CLOSE	2
		OSD/SETUP	5
3	1 2 3		
	4 5 6	SEARCH	6
	7 8 9	CLEAR	7
4	VOL/CH 0	REW FF	8
			9
10	STOP	PLAY	14
11	OK		
12			
13	PAUSE/ STEP	MENU/ RETURN	15
16	TITLE A-B EQUALIZER PLAY MODE		18
17			19
20	ZOOM ANGLE SUBTITLE AUDIO		22
21			23

CINEVISION ™

Warning

To prevent children from watching inappropriate content on this player, please be sure to set the rating in the Setup menu. Before you set this rating, the password must be unlocked. If you forget your unique password, please use the universal password as set by the manufacturer ("0106"). Please detach this sheet and keep it in a safe place away from children.